

CITY OF WICHITA
DEPARTMENT OF PUBLIC WORKS
STORM WATER MANAGEMENT DIVISION

**EROSION CONTROL INSTRUCTIONS
FOR
RESIDENTIAL BUILDING SITES**

1. For the purpose of these instructions, the homebuilder is defined as the individual or company that holds the building permit for the home being built.
2. Prior to the beginning of construction, the homebuilder must determine the erosion control requirements for the site. If the site is located in a new subdivision for which the developer has prepared a Storm Water Pollution Prevention Plan (SWP3), the homebuilder **must comply** with the developers SWP3 as well as these instructions.
3. The homebuilder is responsible to ensure that all contractors, sub-contractors, and material suppliers comply with all erosion control requirements at the site.
4. If the building site is located in a new subdivision, the City street contractor may have installed a back of curb erosion control device (i.e. sod or erosion control mat) at the completion of his work. **This is an acceptable back of curb device and no other device may be required at this location so long as the device is protected and properly maintained.** At locations where concentrated flow results in sediments overtopping the mat or sod and getting into the street, **a supplemental erosion control device must be installed behind the sod or mat.** The supplemental devices would normally consist of silt fence or haybale barriers.
5. In older subdivisions, the building site may have no back of curb erosion control device in place prior to construction, or a device that was in place may have been destroyed. **In these cases, the homebuilder will be required to install a back of curb protective device.** This device may be haybales, silt fences, or another suitable barrier that will keep sediment out of the street. **The excavation of a trench back of curb is not an acceptable device.**
6. Many homebuilders are attempting to use black tubing, plywood, or siding as a back of curb BMP. Experience to date indicates that these devices ARE NOT effective unless they are adequately staked and dug into the ground. Provide sufficient stakes to hold the device in place. If you can see light at the bottom of the device, it is not properly dug in. As these types of BMP's are not very tall, silt accumulations will need to be cleaned out frequently. These devices should extend five feet up grade on both sides of the driveway and at property lines.
7. The homebuilder must provide a stabilized construction entrance to access the site and for material delivery.

8. If the back lot drainage is to be by a rear yard swale, the homebuilder **shall** install a ditch check erosion control device at the downstream property line. These ditch checks will normally be haybales or silt fence.
9. If the construction site is immediately adjacent to a stream, lake, or pond, the homebuilder will be required to install a silt fence or haybale barrier between the site and the drainage feature, unless the developer has already installed such devices.
10. **The homebuilder shall inform all those working on the site that it is unlawful to remove or destroy an erosion control device. Should it be absolutely necessary to remove a device for access purposes, the device will be properly replaced before the end of each workday.**
11. The homebuilder will inspect all erosion control devices at least once each week and after each rainfall of ½-inches or more and will repair any damaged devices. Any sediment collected behind the device will be cleaned out before 60% of its capacity is used.
12. To be effective, erosion control devices must be properly installed per city specifications and these devices need to be **dug into the ground**.
13. Any mud that gets inadvertently tracked from the building site onto an adjacent street must be cleaned up at the **end of each days work**.
14. Concrete trucks are to wash out **only in designated areas**, such as pits provided by the developer. If the developer has not provided such facilities, the homebuilder should provide a washout pit close to the home(s) being built.
15. The homebuilder will provide sufficient trash disposal facilities for the work being done. Dumpster lids will be kept closed to minimize blowing trash in the area.
16. Failure to comply with these instructions will subject the homebuilder to the Criminal and Administrative penalties prescribed in Section 16.32.100 of the City Code.